198. $2^{x+y}=6^y$, $3^x=3.2^{y+1}$.
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199. $(x-a_1)\ldots\ldots(x-a_6)=(x+a_1)\ldots\ldots(x+a_6)$.
Epsteen, Posey, Zerr, Greenwood, Newcomb 99, 137

200, Maximum of $(x+2)/(2x^2+3x+6)$ is $\frac{1}{3}$.
Matz, Zerr, Graber, Newcomb, Greenwood 121, 171, 187

201. $x+y+xy=75$, $x^2-y^2=315$.
Leonard, Zerr 121, 171

202. $x^9+9mx^7+27m^2x^5+30m^3x^3+9m^4x+2r=0$.
Zerr, Holmes, Schuyler, Scheffer, Newcomb, Posey 146, 187

203. $x^4+ax^3+(2b/a+a^2/4)x^2+bx+c=0$.
Newcomb, Scheffer, Zerr, Posey, Holmes, Schuyler 146, 188

204. Syzygy of seventh degree among roots of $x^3+qx+r=0$.
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205. $x^{15}+15mx^{13}+90m^2x^{11}+\ldots\ldots+15m^7x+2r=0$.
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206. $x^4+ax^3+bx^2+amx+m^2=0$.
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207. $x^4+y^4=2x^2y^2$, $x+y=a$.
Paulsen, Rich, Holmes, Zerr, Greenwood, Graber, Scheffer, Newcomb 176, 208, 228

208. $x^4+y^4=14x^2y^2$, $x+y=m$.
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209. $(a^4+b^4+c^4+d^4)>4abcd$.
Matz, Graber, Greenwood, Borger, Sherwood, Newcomb, Schuyler, Meyer, Haun, Laisant, Scheffer, Zerr, Lawrence 196, 229

210. If $x_1+\ldots\ldots+x_5=0$, $x_1^3+\ldots\ldots+x_5^3=0$, sum of odd powers is divisible by sum of fifth powers.
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211. $p-qx$ and $q-px$ tend to equality as x approaches zero.
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212. $(x^2+2x+3)/(x^2-2x+3)+(x^2-2x+3)/(x^2+2x+3)=10/3$.
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213. $x^5-209x+56=0$.
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215. Three simultaneous equations.
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217. Condition that $x^5-bx^3+cx^2+dx-e=0$ is product of cube by square.
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